

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20030072254" and even	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 18:12
L2	1	"7460466".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 18:29
L3	9	("20010004604"   "20010055287"   "20010055296"   "6496535"   "6545997"   "6836484"   "6907026"   "6959052"   "6993092"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 18:29
L4	134	different adj3 pilot adj pattern\$1	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 18:31
L5	1	"20030072254" and fix\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 18:35
L6	1	"6654429".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 18:46
L7	1	"6473393".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 18:48
L8	1	"6298035".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 18:48
L9	1	"6359938".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 18:49
L10	1	"5867478".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 18:50
L11	174	("5867478").URPN.	USPAT	OR	OFF	2010/12/17 18:53
L12	1	"7545734".pn.	USPAT	OR	OFF	2010/12/17 18:57
L13	1	"20020034213"	USPAT	OR	OFF	2010/12/17 18:57
L14	0	"20020034213" and mimp	USPAT	OR	OFF	2010/12/17 18:57
L15	0	"20020034213" and mimo	USPAT	OR	OFF	2010/12/17 18:58
L16	1	"20020122383"	USPAT	OR	OFF	2010/12/17 18:58
L17	1	"20030016621"	USPAT	OR	OFF	2010/12/17 18:58

L18	1	"20020080887"	USPAT	OR	OFF	2010/12/17 18:59
L19	0	"2002000374"	USPAT	OR	OFF	2010/12/17 18:59
L20	1	"20020003774"	USPAT	OR	OFF	2010/12/17 19:00
L21	1	"20020144294"	USPAT	OR	OFF	2010/12/17 19:00
L22	1	"20070053282"	USPAT	OR	OFF	2010/12/17 19:00
L23	1	"20030072395"	USPAT	OR	OFF	2010/12/17 19:01
L24	1	"20030072254" and pilot	USPAT	OR	OFF	2010/12/17 19:04
L25	1	"20030072254" and signal\$4	USPAT	OR	OFF	2010/12/17 19:04
L26	0	pilot adj pair and frequency with time	USPAT	OR	OFF	2010/12/17 19:22
L27	5	pilot adj pair and frequency with time	USPAT	OR	OFF	2010/12/17 19:22
L28	0	pilot adj couple and frequency with time	USPAT	OR	OFF	2010/12/17 19:22
L29	126	pilot adj pair	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 19:23
L30	1	"20030072254" and power	USPAT	OR	OFF	2010/12/17 19:35
L31	1	"20030072254" and off	USPAT	OR	OFF	2010/12/17 19:50
L32	0	reassign\$4 with pilots with antenna\$3 with (on or off)	USPAT	OR	OFF	2010/12/17 19:53
L33	0	re near assign\$4 with pilots with antenna\$3 with (on or off)	USPAT	OR	OFF	2010/12/17 19:53
L34	0	re near assign\$4 with pilot with antenna\$3 with (on or off)	USPAT	OR	OFF	2010/12/17 19:53
L35	0	re near assign\$4 with pilot with antenna\$3	USPAT	OR	OFF	2010/12/17 19:53
L36	0	re near allocat\$4 with pilot with antenna\$3	USPAT	OR	OFF	2010/12/17 19:53
L37	4	re near allocat\$4 with pilot	USPAT	OR	OFF	2010/12/17 19:53

L38	0	antenna\$3 with (on and off)	USPAT	OR	OFF	2010/12/17 19:54
L39	8650	antenna\$3 with (off)	USPAT	OR	OFF	2010/12/17 19:54
L40	222	antenna\$3 with (turn adj off)	USPAT	OR	OFF	2010/12/17 19:55
L41	0	40 and (fast with frequency with select\$4 with fad\$5)	USPAT	OR	OFF	2010/12/17 19:55
L42	3	40 and (select\$4 with fad \$5)	USPAT	OR	OFF	2010/12/17 19:55
L43	1	40 and (allocat\$4 or assign\$4) with pilot\$1	USPAT	OR	OFF	2010/12/17 19:57
L44	164	(allocat\$4 or assign\$4) with pilot\$1 with antenna \$4	USPAT	OR	OFF	2010/12/17 19:58
L45	13	(allocat\$4 or assign\$4) with pilot\$1 with different adj3 antenna\$4	USPAT	OR	OFF	2010/12/17 20:01
S1	43	(block\$3 with subcarrier \$3 with ofdm and antenna\$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 12:38
S2	14	(block\$3 with subcarrier \$3 with ofdm and antenna\$3 and pilot\$3). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 12:38
S3	4	"20030072254"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 12:42
S4	3	"20030072255"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 12:50
S5	3	"20040001429"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 12:51

S6	4	"20030072395"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 12:52
S7	1729	(S4 or four) adj4 transmi \$5 adj3 antenna\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 13:09
S8	590	S7 and mimo and pilot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 13:16
S9	59	S7 and mimo and pilot adj3 pattern	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 13:16
S10	3	"20030072255"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 13:26
S11	584	pilot adj (grid or pattern) and (time and frequency) and ofdm\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 13:57
S12	17083	455/101.ccls. or 375/260,267.ccls. or 370/328,334,208.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 13:58
S13	262	S11 and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 13:58

S14	366	S11 and pilot with ((sub near carrier\$3) or subcarrier\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 13:59
S15	199	S12 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 13:59
S16	469	S11 and channel adj3 estimat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 13:59
S17	325	S16 and pilot with ((sub near carrier\$3) or subcarrier\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 14:00
S18	182	S12 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 14:00
S19	193	S17 and (mimo or ((plural \$4 or multipl\$4) adj2 antenna\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 14:01
S20	113	S12 and S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/17 14:01
S21	9	("20010004604"   "20010055287"   "20010055296"   "6496535"   "6545997"   "6836484"   "6907026"   "6959052"   "6993092"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 14:07
S22	60	(allocat\$5 or assign\$5) with pilot with subcarrier with antenna\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 14:27

S23	9	("20020086708"   "20040166886"   "20050135324"   "20060002360"   "20060025079"   "20060067278"   "20060279435"   "20070066273"   "20070213087").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 14:30
S24	138	pilot adj4 antenna adj ("1" or one)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 14:43
S25	158	pilot adj4 antenna\$3 adj ("1" or one)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 14:43
S26	194	(subcarrier\$3 or (sub near carrier\$3)) adj5 map \$5 with pilot	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 14:50
S27	187	S26 and ofdm\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 14:51
S28	95	S26 and S12	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 14:51
S29	6	pilot\$3 adj pair with antenna\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 15:01
S30	916	ofdm\$4 and (subcarrier \$3 or (sub near carrier)) with pilot and qpsk and qam	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 15:22
S31	270	ofdm\$4 and (subcarrier \$3 or (sub near carrier)) with pilot and qpsk and qam and mimo	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 15:22
S32	254	S31 and (time with frequenc\$5)	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 15:22
S33	0	("7508798").URPN.	USPAT	OR	OFF	2010/12/17 15:28
S34	24	("20020146060"   "20020177447"   "20030223516"   "20050002467"   "6016311"   "6473467"   "6662024"   "6724813"   "6741587"   "6859503"   "6928062"   "6958989"   "6985434"   "7020110"   "7042856"   "7047016"   "7095709"   "7095722"   "7164649"   "7299070"   "7328025"   "7372912"   "7394860"   "7397864"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/17 15:28

## EAST Search History (Interference)

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**12/ 17/ 2010 8:25:13 PM**

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